

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, Ph.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20040004
Agency Interest No. 9789

Kirk Meche
Executive Vice President, Operations
P.O. Box 310
Houma, LA 70361-0310

RE: Part 70 Operating Permit, Gulf Island Fabrication, Inc.
East Yard, West Yard, & North Yard
Houma, Terrebonne Parish, Louisiana

Dear Mr. Meche:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the ____ of _____, 2013, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2008.

Permit No.: 2880-00059-V1

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:slp
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Gulf Island Fabrication, Inc.
Agency Interest No.: 9789
East Yard, West Yard, & North Yard
Houma, Terrebonne Parish, Louisiana**

I. Background

Gulf Island Fabrication, Inc., East Yard, West Yard, & North Yard, an existing structural steel fabrication facility began operation in 1985 after acquiring the East Yard from Delta Services Industries.

On December 8, 1992, the East Yard obtained its original Permit No. 2880-00059-00, and the West Yard obtained Permit No. 2880-00058-00 to bring both facilities into compliance with Louisiana Air Quality Regulations.

The North Yard was formally operated as Southport Yard, previously doing business in Harvey, Louisiana operating under Permit No. 1340-00153-01 dated November 30, 1998. The facility closed in December 2000. In May 2001, a new facility was constructed in Houma.

The East Yard, West Yard, & North Yard facility currently operates under Permit No. 2880-00059-V0, issued April 25, 2003

This is the Part 70 operating permit renewal and modification for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Gulf Island Fabrication, Inc. on January 29, 2007 requesting a Part 70 operating permit modification. Additional information dated July 24, 2007 and November 28, 2007 was also received.

III. Description

Gulf Island, L.L.C., a division of Gulf Island Fabrication Inc, operates a structural steel fabrication facility consisting of three "yards" in Houma, LA. The facility fabricates steel structures used for offshore exploration and production activities. The East (Main) Yard is located at 583 Thompson Road and the North Yard is located at 730 Thompson Road. The West Yard is segregated by the Houma Navigation Canal and is located at 301 Bayou Dularge Road.

The East Yard and West Yard constructs structural steel fabrication jackets, decks, pilings and complete piping systems. Blasting and coating are also performed on this yard. Inspection Field offices are also included.

The West Yard will also house the Marine Division's Headquarters. Plans call for automated blasting/painting, a computerized cutting table, an automated panel line and the expansion of the

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fabrication shop. Future plans also call for a dry-dock for launching new vessels and for repair work on existing vessels.

The North Yard's focus is the fabrication of housing for the offshore oil and gas industry. It provides living quarters of all sizes, electrical buildings, control centers, and helidecks. It specializes in construction, maintenance and repairs of liftable buildings, and provides technical expertise and service.

The facility plans to expand into shipbuilding and ship repair.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	44.42	100.28	+55.86
SO ₂	12.51	11.79	-0.72
NO _x	130.81	179.97	+49.16
CO	28.17	39.21	+11.04
VOC	238.56	154.02	-84.54

LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Barium and Compounds	0.239	0.411	+0.172
Copper and Compounds	0.001	0.0127	+0.0117
Dimethyl Phthalate	-	3.00	+3.00
Lead Compounds	0.00002	1.0004	+1.00038
Manganese and Compounds	0.843	1.701	+0.858
Naphthalene	0.917	1.412	+0.495
Xylene	41.148	41.145	-0.003
Zinc and Compounds	9.499	9.499	-
Other HAP & TAP	20.610	15.043	-5.567
Total	73.26	73.22 *	-0.04

* Aggregate emissions of all TAPs shall be limited to 73.22 tons per year. The permittee may emit any TAP, not specifically listed, at a rate below its Minimum Emission Rate (MER). Emissions in excess of the total TAP limit for any 12 consecutive month period shall be a violation of the permit.

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IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) and New Source Performance Standards (NSPS) do not apply.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. Xylene (Class II) is emitted in a quantity that is greater than the major source threshold. Barium (and compounds) (Class II), copper (and compounds) (Class II), manganese (and compounds) (Class II), naphthalene (Class II), xylene (Class II), and zinc (and compounds) (Class III) are emitted in amounts that exceed their respective minimum emission rates (MER). This facility must address Maximum Achievable Control Technology (MACT).

MACT has been determined to be compliance with 40 CFR 63 Subpart II—National Emissions Standards for Shipbuilding and Ship Repair (Surface Coating), compliance with 40 CFR 63 Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, and compliance with 40 CFR 63 Subpart MMMM - National Emissions Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

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VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Dispersion Model(s) Used: AERMOD

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
PM ₁₀	24 hr	140.43 µg/m ³	150 µg/m ³
PM ₁₀	Annual	20.55 µg/m ³	50 µg/m ³

VIII. General Condition XVII Activities

None

IX. Insignificant Activities

ID No.:	Description	Citation
	Argon, refrigerated liquid	LAC33.III.501.B.5.A.4
	Argon, refrigerated liquid	LAC33.III.501.B.5.A.4
	Carbon Dioxide, Refrigerated Liquid	LAC33.III.501.B.5.C.3
	Carbon Dioxide, Refrigerated Liquid	LAC33.III.501.B.5.C.3
	Oil: 85-140 Gear Oil	LAC33.III.501.B.5.A.3
	Oil: Rando HD-46	LAC33.III.501.B.5.A.3
	Oil: URSA SP 15W-40	LAC33.III.501.B.5.A.3

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ID No.:	Description	Citation
	Oil: waste	LAC33.III.501.B.5.A.3
	Oxygen, refrigerated liquid	LAC33.III.501.B.5.A.3
	Oxygen, refrigerated liquid	LAC33.III.501.B.5.A.3
	Oxygen, refrigerated liquid	LAC33.III.501.B.5.A.3
	No. 1 Diesel tank	LAC33.III.501.B.5.A.3
	No. 2 Diesel tank	LAC33.III.501.B.5.A.3
	Used Oil	LAC33.III.501.B.5.A.3
	Argon, refrigerated liquid	LAC33.III.501.B.5.A.4
	Carbon Dioxide, Refrigerated Liquid	LAC33.III.501.B.5.A.3
	Oil: 85-140 Gear Oil	LAC33.III.501.B.5.A.3
	Oil: Rando HD-46	LAC33.III.501.B.5.A.3
	Oil: URSA SP 15W-40	LAC33.III.501.B.5.A.3
	Oil: URSA SP 10W	LAC33.III.501.B.5.A.3
	Oil: waste	LAC33.III.501.B.5.A.3
	Oil: waste	LAC33.III.501.B.5.A.3
	Oxygen, refrigerated liquid	LAC33.III.501.B.5.A.3
	Oxygen, refrigerated liquid	LAC33.III.501.B.5.A.3
99-7W	Diesel Storage Tank (7,000 gal)	LAC33.III.501.B.5.A.3
99-8W	Diesel Storage Tank (7,000 gal)	LAC33.III.501.B.5.A.3
95-6e	Diesel Storage Tank (10,000 gal)	LAC33.III.501.B.5.A.3
95-7e	Diesel Storage Tank (10,000 gal)	LAC33.III.501.B.5.A.3
99-10e	Infra-Red Preheater Unit for Automated Blasting/Painting System	LAC33.III.501.B.5.A.3
99-11e	Cure Oven for Automated Blasting/Painting System	LAC33.III.501.B.5.A.3
	Oil: URSA SP 10W	LAC33.III.501.B.5.A.3

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements																	
ID No.: Description		LAC 33:III.Chapter															
		5 ^A	509	9	11	13	15	2103	2104*	2107	21	22	29*	51	53*	56	59
UNF 1	Gulf Island Fabrication	1		1	1	1					1			1		1	3
FUG 1	Painting & Coating Operations					1					1			1			
EQT 1	Automated Blast & Paint System Paint Booth Vent	1				1					1			1			
EQT 2	Bulk Thinner Tank							1						1			
EQT 10	Bulk Thinner Tank							1						1			
EQT 14	Bulk Thinner Tank							1						1			
EQT 4	Unleaded Gasoline Tank							1									
EQT 11	Unleaded Gasoline Tank							1									
FUG 2	Outdoor Sand Blasting Operations	1				1					1						
EQT 3	Steel Shot Blast Machine Vent	1				1					1			1			
EQT 7	Steel Shot Blast Machine Vent	1				1								1			
FUG 3	Steel Cutting & Burning Operations					1	3							1			
FUG 4	Welding Operations					1								1			
FUG 5	Unpaved Road Dust					1											

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ID No.: Description		LAC 33:III.Chapter															
		5 [▲]	509	9	11	13	15	2103	2104*	2107	21	22	29*	51	53*	56	59
FUG 6	Solvent Cleaning Operations										2			1			
GRP 6	Diesel Engine Cap	1				1	1										
GRP 7	TAP/HAP Cap	1															

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

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KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements																		
ID No.:	Description	40 CFR 60 NSPS						40 CFR 61			40 CFR 63 NESHAP				40 CFR			
		K	Ka	Kb	Db	Dc	GG	IIII	A	J	V	A	II	IIII	ZZZZ	MMMM	64	68
UNF 1	Gulf Island Fabrication											1			1	1		
FUG 1	Painting & Coating Operations												1			1		
EQT 1	Automated Blast & Paint System Paint Booth Vent															1		
EQT 2	Bulk Thinner Tank	3	3	3														
EQT 10	Bulk Thinner Tank	3	3	3														
EQT 14	Bulk Thinner Tank	3	3	3														
EQT 4	Unleaded Gasoline Tank	3	3															
EQT 11	Unleaded Gasoline Tank	3	3															
FUG 2	Outdoor Sand Blasting Operations																	
EQT 3	Steel Shot Blast Machine Vent																	
EQT 7	Steel Shot Blast Machine Vent																	
FUG 3	Steel Cutting & Burning Operations																	
FUG 4	Welding Operations																	
FUG 5	Unpaved Road Dust																	

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ID No.:	Description	40 CFR 60 NSPS						40 CFR 61			40 CFR 63 NESHAP				40 CFR		
		K	Ka	Kb	Dc	Gg	III	A	J	V	A	II	III	ZZZZ	MMMM	64	68
FUG 6	Solvent Cleaning Operations														I		
GRP 6	Diesel Engine Cap						3						3	3			
GRP 7	TAP/HAP Cap																

KEY TO MATRIX

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Compliance Method/Provision
UNF 1 Facility Wide	Chemical Accident Prevention [40 CFR 68.10(a)]	EXEMPT – Facility does not store any of the regulated substances.
	Volatile Organic Compounds – Loading [LAC 33:III.Chapter 2107.A]	DOES NOT APPLY- The facility does not load volatile organic compounds having a true vapor pressure in excess of 1.5 psia in excess of applicable thresholds.
	Chemical Accidental Prevention and Minimization of Consequences [LAC 33:III.Chapter 59] STATE ONLY	EXEMPT- Storing chemicals below threshold quantities.
		Notes

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Requirement	Compliance Method/Provision	Notes
Bulk Thinner Storage Tanks EQT 2 EQT 10 EQT 14 Unleaded Gasoline Tank EQT 4 EQT 11	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY – Tank capacities are less than 40,000 gallons.	EQT 2, EQT 10, EQT 14 are not storing petroleum liquids.
Bulk Thinner Storage Tanks EQT 2 EQT 10 EQT 14	NSPS 40 CFR 60 Subpart Kb – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction or Modification Commenced After May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY – Tank capacities are less than 40,000 gallons.	EQT 2, EQT 10, EQT 14 are not storing petroleum liquids
FUG 6	Emission Standards for Particulate Matter [LAC 33:III.1301.B]	EXEMPT –Burning of fuel comes into direct contact with process materials.	

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source			
ID No:	Requirement	Compliance Method/Provision	Notes
FUG 6 Solvent Cleaning	Control of Emission of Organic Compounds [LAC 33:III.2123.A]	EXEMPT – LDEQ has determined controls not feasible	
	40 CFR 63 – National Emission Standards for Hazardous Air Pollutants (NESHAP) for Halogenated Solvent Cleaning [40 CFR 63 Subpart T]	EXEMPT – Sources do not contain any solvents listed in 40 CFR 63.460.	
EQTs 15-35	NESHAP Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	DOES NOT APPLY. The model year of the engines is earlier than the 2006 model year. [40 CFR 63.6590(a)(2)(ii)]	
EQTs 15-35	Emission Standards for Sulfur Dioxide [LAC 33:III.1503]	EXEMPT. Units emit less than 250 tons of SO ₂ per year. [LAC 33:III.1503.C]	
EQTs 15-35	NSPS Subpart IIII—Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	DOES NOT APPLY. The model year of the engines is earlier than the 2007 model year. [40 CFR 60.4200(a)(1)(i)]	

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- 1 -The regulations have applicable requirements that apply to this particular emission source.
 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 - 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 - 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 - 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

40 CFR PART 70 GENERAL CONDITIONS

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]

- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]

- J. Records of required monitoring shall include the following:
 1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
 [Reference 40 CFR 70.6(a)(3)(ii)(A)]

- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]

- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated

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properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]

- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]

- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 - 5. changes in emissions would not qualify as a significant modification; and
 - 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]

- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
 - 1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33:I. Chapter 39.
 - 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a

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written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:

- a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

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- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated January 29, 2007, along with supplemental information dated July 24, 2007 and November 28, 2007.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

D. Each report submitted in accordance with this condition shall contain the following information:

1. Description of noncomplying emission(s);
2. Cause of noncompliance;
3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.

E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
- B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
- C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
- D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services in accordance with LAC 33:I.Chapter 19.Facility Name and Ownership/Operator Changes Process.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. For Part 70 sources, certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information
AI ID: 9789 Gulf Island Fabrication Inc - East Yard West Yard & Southport
Activity Number: PER20040004
Permit Number: 2880-00059-V1
Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	2880-00059	Gulf Island Fabrication Inc - East Yard West Yard & Southport	CDS Number	08-05-2002
	72-1147390	Federal Tax ID	Federal Tax ID	11-21-1999
	LAD139240618	Gulf Island Fabrication Inc - East Yard West Yard & Southport	Hazardous Waste Notification	03-06-2001
	LA0091961	LPDES #	LPDES Permit #	06-25-2003
	LAG531377	LPDES #	LPDES Permit #	08-08-2004
	WP4011	LWDPS #	LWDPS Permit #	06-25-2003
		Gulf Island Fabrication Inc	Multimedia	06-01-1999
	G-109-10896	Facility #	Solid Waste Facility No.	12-18-2000
	20-03887001	Southport Inc	State Tax ID	12-18-2000
	87548	Southport Inc	TEMPO Merge	09-02-2001
	70363GLFSL583TH	TRI #	Toxic Release Inventory	07-13-2004
	10897	Waste Tires	Waste Tire Facility ID Number	05-27-2005
	9789	Gulf Island Fabrication Inc	Water Permitting	05-27-1993
		Southport Inc	Water Permitting	11-28-2000

Physical Location:

583 Thompson Rd
Houma, LA 70363

Main Phone: 9858722100

Mailing Address:

PO Box 310
Houma, LA 703610310

Related People:

Name	Mailing Address	Phone (Type)	Relationship
William Blanchard	PO Box 310 Houma, LA 70361	9858722100 (WP)	Responsible Official for
Steven Bossier	PO Box 310 Houma, LA 703610310	9858722100 (WP)	Waste Tires Contact for
Amy Mack	PO Box 310 Houma, LA 703610310	AMACK@GIFINC.CI	Responsible Official for
Amy Mack	PO Box 310 Houma, LA 703610310	AMACK@GIFINC.CI	Air Permit Contact For
Amy Mack	PO Box 310 Houma, LA 703610310	9858722100 (WP)	Air Permit Contact For
Amy Mack	PO Box 310 Houma, LA 703610310	9858722100 (WP)	Responsible Official for
Amy Mack	PO Box 310 Houma, LA 703610310	9858722100 (WP)	Emission Inventory Contact for
Amy Mack	PO Box 310 Houma, LA 703610310	AMACK@GIFINC.CI	Emission Inventory Contact for
Amy Mack	PO Box 310 Houma, LA 703610310	9858722100 (WP)	Water Billing Party for
Amy Mack	PO Box 310 Houma, LA 703610310	AMACK@GIFINC.CI	Water Billing Party for
Wayne Verdun	PO Box 310 Houma, LA 703610310	9858515130 (WP)	Hazardous Waste Permit Contact For
Wayne Verdun	PO Box 310 Houma, LA 703610310	9858722100 (HP)	Hazardous Waste Permit Contact For
Wayne Verdun	PO Box 310 Houma, LA 703610310	9858722100 (HP)	Accident Prevention Contact for
Wayne Verdun	PO Box 310 Houma, LA 703610310	9858722100 (HP)	Accident Prevention Billing Party for
Wayne Verdun	PO Box 310 Houma, LA 703610310	9858764297 (WF)	Accident Prevention Billing Party for

General Information

AI ID: 9789 Gulf Island Fabrication Inc - East Yard West Yard & Southport

Activity Number: PER20040004

Permit Number: 2880-00059-V1

Air - Title V Regular Permit Renewal

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Wayne Verdun	PO Box 310 Houma, LA 703610310	9858515130 (WP)	Accident Prevention Billing Party for
Wayne Verdun	PO Box 310 Houma, LA 703610310	9858764297 (WF)	Accident Prevention Contact for
Wayne Verdun	PO Box 310 Houma, LA 703610310	9858515130 (WP)	Accident Prevention Contact for
Wayne Verdun	PO Box 310 Houma, LA 703610310	9858764297 (WF)	Hazardous Waste Permit Contact For

Related Organizations:

Name	Address	Phone (Type)	Relationship
Gulf Island Fabrication Inc	583 Thompson Rd Houma, LA 70363	9858722100 (WP)	Air Billing Party for
Gulf Island Fabrication Inc	583 Thompson Rd Houma, LA 70363	9858722100 (WP)	Owns
Gulf Island Fabrication Inc	583 Thompson Rd Houma, LA 70363	9858722100 (WP)	Operates
Gulf Island Fabrication Inc	583 Thompson Rd Houma, LA 70363	9858722100 (WP)	Emission Inventory Billing Party

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport
 Activity Number: PER20040004
 Permit Number: 2880-00059-V1
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Gulf Island Fabrication						
EQT0001	99-9E - Automated Blast & Paint System - Paint Booth Vent			36738 gallons/yr		8760 hr/yr (All Year)
EQT0002	95-2e - Bulk Thinner Tank	2500 gallons				8760 hr/yr (All Year)
EQT0003	95-4E - Steel Shot Blast Machine Vent			135 lb/hr		8760 hr/yr (All Year)
EQT0004	95-5e - Unleaded Gasoline Storage Tank	2500 gallons				8760 hr/yr (All Year)
EQT0007	99-8E - Steel Shot Blast Machine Vent			135 lb/hr		8760 hr/yr (All Year)
EQT0010	95-2W - Bulk Thinner Tank	1300 gallons				8760 hr/yr (All Year)
EQT0011	95-4W - Unleaded Gasoline Storage Tank	3000 gallons				8760 hr/yr (All Year)
EQT0014	01-06-SP - Bulk Thinner Tank	500 gallons				8760 hr/yr (All Year)
EQT0015	01-10a - 250 hp Air Compressor			250 horsepower		4368 hr/yr (All Year)
EQT0016	01-10b - 250 hp Air Compressor			250 horsepower		4368 hr/yr (All Year)
EQT0017	01-10c - 250 hp Air Compressor			250 horsepower		4368 hr/yr (All Year)
EQT0018	01-10d - 250 hp Air Compressor			250 horsepower		4368 hr/yr (All Year)
EQT0019	01-10e - 250 hp Air Compressor			250 horsepower		4368 hr/yr (All Year)
EQT0020	01-11a - 440 hp Air Compressor			440 horsepower		4368 hr/yr (All Year)
EQT0021	01-11b - 440 hp Air Compressor			440 horsepower		4368 hr/yr (All Year)
EQT0022	01-10f - 250 hp Air Compressor			250 horsepower		4368 hr/yr (All Year)
EQT0023	01-10g - 250 hp Air Compressor			250 horsepower		4368 hr/yr (All Year)
EQT0027	01-11c - 440 hp Diesel Air Compressor			440 horsepower		1000 hr/yr (All Year)
EQT0028	01-11d - 440 hp Diesel Air Compressor			440 horsepower		1000 hr/yr (All Year)
EQT0029	01-11e - 440 hp Diesel Air Compressor			440 horsepower		1000 hr/yr (All Year)
EQT0030	10-10h - 250 hp Diesel Air Compressor			250 horsepower		1000 hr/yr (All Year)
EQT0031	01-10i - 250 hp Diesel Air Compressor			250 horsepower		1000 hr/yr (All Year)
EQT0032	01-10j - 250 hp Diesel Air Compressor			250 horsepower		1000 hr/yr (All Year)
EQT0033	01-10k - 250 hp Diesel Air Compressor			250 horsepower		1000 hr/yr (All Year)
EQT0034	01-10l - 250 hp Diesel Air Compressor			250 horsepower		1000 hr/yr (All Year)
EQT0035	01-10m - 250 hp Diesel Air Compressor			250 horsepower		1000 hr/yr (All Year)
FUG0001	95-1E - Painting and Coating Operations			83389 gallons/yr		8760 hr/yr (All Year)
FUG0002	95-3e - Outdoor Sand Blasting Operations			7000 tons/yr		8760 hr/yr (All Year)
FUG0003	99-12E - Steel Cutting and Burning Operations					2912 hr/yr (All Year)
FUG0004	99-13E - Welding Operations					8760 hr/yr (All Year)
FUG0005	99-14E - Unpaved Road Dust			392 vehicle miles traveled/yr		8760 hr/yr (All Year)
FUG0006	95-15E - Cleaning Operations Using Bulk Thinner Solvent					8760 hr/yr (All Year)

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Gulf Island Fabrication							
EQT0001	99-9E - Automated Blast & Paint System - Paint Booth Vent	42.4	16000	2.83		50	
EQT0003	95-4E - Steel Shot Blast Machine Vent	105.2	10000	1.42		68	68

INVENTORIES

AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport
 Activity Number: PER20040004
 Permit Number: 2880-00059-V1
 Air - Title V Regular Permit Renewal

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Gulf Island Fabrication							
EQT0007	99-8E - Steel Shot Blast Machine Vent	50	68	1.35		1.42	5.91
EQT0015	01-10a - 250 hp Air Compressor	91.3	527	.35		8	820
EQT0016	01-10b - 250 hp Air Compressor	91.3	527	.35		8	820
EQT0017	01-10c - 250 hp Air Compressor	91.3	527	.35		8	820
EQT0018	01-10d - 250 hp Air Compressor	91.3	527	.35		8	820
EQT0019	01-10e - 250 hp Air Compressor	91.3	527	.35		8	820
EQT0020	01-11a - 440 hp Air Compressor	78.8	928	.35		8	820
EQT0021	01-11b - 440 hp Air Compressor	78.8	928	.35		8	820
EQT0022	01-10f - 250 hp Air Compressor	91.3	527	.35		8	820
EQT0023	01-10g - 250 hp Air Compressor	91.3	527	.35		8	820
EQT0027	01-11c - 440 hp Diesel Air Compressor	78.8	928	.35		8	820
EQT0028	01-11d - 440 hp Diesel Air Compressor	78.8	928	.35		8	820
EQT0029	01-11e - 440 hp Diesel Air Compressor	78.8	928	.35		8	820
EQT0030	10-10h - 250 hp Diesel Air Compressor	91.3	527	.35		8	820
EQT0031	01-10i - 250 hp Diesel Air Compressor	91.3	527	.35		8	820
EQT0032	01-10j - 250 hp Diesel Air Compressor	91.3	527	.35		8	820
EQT0033	01-10k - 250 hp Diesel Air Compressor	91.3	527	.35		8	820
EQT0034	01-10l - 250 hp Diesel Air Compressor	91.3	527	.35		8	820
EQT0035	01-10m - 250 hp Diesel Air Compressor	91.3	527	.35		8	820

Relationships:**Subject Item Groups:**

ID	Group Type	Group Description
CRG0001	Common Requirements Group	AGST - Above Ground Storage Tanks
GRP0006	Equipment Group	GRP006 - Diesel Engine Cap
GRP0007	Equipment Group	TAP/HAP Cap - Facility TAP/HAP Cap
GRP0008	Equipment Group	GRP 008 - Facility Painting and Coating Operations
SCN0002	Alternate Operating Scenario	Shipbuilding - Shipbuilding and Ship repair
UNF0001	Unit or Facility Wide	UNF001 - Gulf Island Fabrication, Inc.

Group Membership:

ID	Description	Member of Groups
EQT0001	99-9E - Automated Blast & Paint System - Paint Booth Vent	GRP0000000007, GRP0000000008, SCN0000000002
EQT0002	95-2e - Bulk Thinner Tank	CRG0000000001, GRP0000000007

INVENTORIES

AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport
Activity Number: PER20040004
Permit Number: 2880-00059-V1
Air - Title V Regular Permit Renewal

Group Membership:

ID	Description	Member of Groups
EQ10003	95-4E - Steel Shot Blast Machine Vent	GRP0000000007
EQ10004	95-5e - Unleaded Gasoline Storage Tank	CRG0000000001, GRP0000000007
EQ10007	99-8E - Steel Shot Blast Machine Vent	GRP0000000007
EQ10010	95-2W - Bulk Thinner Tank	CRG0000000001, GRP0000000007
EQ10011	95-4W - Unleaded Gasoline Storage Tank	CRG0000000001, GRP0000000007
EQ10014	01-06-SP - Bulk Thinner Tank	GRP0000000006
EQ10015	01-10a - 250 hp Air Compressor	GRP0000000006
EQ10016	01-10b - 250 hp Air Compressor	GRP0000000006
EQ10017	01-10c - 250 hp Air Compressor	GRP0000000006
EQ10018	01-10d - 250 hp Air Compressor	GRP0000000006
EQ10019	01-10e - 250 hp Air Compressor	GRP0000000006
EQ10020	01-11a - 440 hp Air Compressor	GRP0000000006
EQ10021	01-11b - 440 hp Air Compressor	GRP0000000006
EQ10022	01-10f - 250 hp Air Compressor	GRP0000000006
EQ10023	01-10g - 250 hp Air Compressor	GRP0000000006
EQ10027	01-11c - 440 hp Diesel Air Compressor	GRP0000000006
EQ10028	01-11d - 440 hp Diesel Air Compressor	GRP0000000006
EQ10029	01-11e - 440 hp Diesel Air Compressor	GRP0000000006
EQ10030	10-10h - 250 hp Diesel Air Compressor	GRP0000000006
EQ10031	01-10i - 250 hp Diesel Air Compressor	GRP0000000006
EQ10032	01-10j - 250 hp Diesel Air Compressor	GRP0000000006
EQ10033	01-10k - 250 hp Diesel Air Compressor	GRP0000000006
EQ10034	01-10l - 250 hp Diesel Air Compressor	GRP0000000006
EQ10035	01-10m - 250 hp Diesel Air Compressor	GRP0000000006
FUG0001	95-1E - Painting and Coating Operations	GRP0000000007
FUG0003	99-12E - Steel Cutting and Burning Operations	GRP0000000007
FUG0004	99-13E - Welding Operations	GRP0000000007
FUG0006	95-15E - Cleaning Operations Using Bulk Thinner Solvent	GRP0000000007
GRP0008	GRP 008 - Facility Painting and Coating Operations	GRP0000000007, SCND0000000002

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1059	Fabricated Structural Steel with 5 or More Welders		
1290	Ship and Boat Building: E) 200 or Less Employees		

SIC Codes:

3441	Fabricated structural metal	A19789
3731	Ship building and repairing	A19789

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport
 Activity Number: PER20040004
 Permit Number: 2880-00059-V1
 Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Gulf Island Fabrication															
EQT 0002 95-2e													0.004	0.004	0.017
EQT 0003 95-4E							0.58	0.58	2.52						
EQT 0004 95-5a													0.23	0.23	1.03
EQT 0007 95-8E							0.58	0.58	2.52						
EQT 0010 95-2W													0.002	0.002	0.008
EQT 0011 95-4W													0.129	0.129	0.567
EQT 0014 01-06-SP													0.002	0.002	0.007
EQT 0015 01-10a	1.67				7.75			0.55			0.51			0.62	
EQT 0016 01-10b	1.67				7.75			0.55			0.51			0.62	
EQT 0017 01-10c	1.67				7.75			0.55			0.51			0.62	
EQT 0018 01-10d	1.67				7.75			0.55			0.51			0.62	
EQT 0019 01-10e	1.67				7.75			0.55			0.51			0.62	
EQT 0020 01-11a	2.94				13.64			0.97			0.90			1.09	
EQT 0021 01-11b	2.94				13.64			0.97			0.90			1.09	
EQT 0022 01-10f	1.67				7.75			0.55			0.51			0.62	
EQT 0023 01-10g	1.67				7.75			0.55			0.51			0.62	
EQT 0027 01-11c	2.94				13.64			0.97			0.90			1.11	
EQT 0028 01-11d	2.94				13.64			0.97			0.90			1.11	
EQT 0029 01-11e	2.94				13.64			0.97			0.90			1.11	
EQT 0030 01-10h	1.67				7.75			0.55			0.51			0.63	
EQT 0031 01-10i	1.67				7.75			0.55			0.51			0.63	0.31
EQT 0032 01-10j	1.67				7.75			0.55			0.51			0.63	
EQT 0033 01-10k	1.67				7.75			0.55			0.51			0.63	

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport

Activity Number: PER20040004

Permit Number: 2880-00059-V1

Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Gulf Island Fabrication															
EQT 0034 01-10i		1.67			7.75			0.55			0.51			0.63	
EQT 0035 01-10m		1.67			7.75			0.55			0.51			0.63	
FUG 0002 95-3e							16.83	20.20	36.86						
FUG 0003 99-12E	0.09	0.09	0.40	0.43	0.43	1.88	1.83	1.83	7.99	<0.001	<0.001	0.01	0.01	0.01	0.06
FUG 0004 99-13E							3.59	3.59	7.84						
FUG 0005 99-14E							4.85	4.85	21.24						
FUG 0006 95-15E													4.02	8.04	17.56
GRP 0006 GRP006	8.76		38.37	40.65		178.06	2.89		12.64	2.69		11.78	3.30		14.44
GRP 0008 GRP 008							3.95	3.95	8.64				30.29	60.58	132.68

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport****Activity Number: PER20040004****Permit Number: 2880-00059-V1****Air - Title V Regular Permit Renewal**

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0002 95-2a	Ethyl benzene		< 0.001	
	Methyl isobutyl ketone		< 0.001	
	Xylene (mixed isomers)		0.002	
EQT 0003 95-4E	Manganese (and compounds)		0.010	
EQT 0007 99-8E	Manganese (and compounds)		0.006	
EQT 0010 95-2W	Ethyl benzene		< 0.001	
	Methyl isobutyl ketone		< 0.001	
	Xylene (mixed isomers)		< 0.001	
EQT 0014 01-06-SP	Ethyl benzene		< 0.001	
	Methyl isobutyl ketone		< 0.001	
	Xylene (mixed isomers)		< 0.001	
FUG 0003 99-12E	Chromium VI (and compounds)		< 0.040	
	Manganese (and compounds)		0.063	
	Nickel (and compounds)		0.021	
FUG 0004 99-13E	Chromium VI (and compounds)		< 0.001	
	Copper (and compounds)		< 0.001	
	Manganese (and compounds)		0.180	
	Nickel (and compounds)		0.002	
FUG 0006 95-15E	Ethyl benzene		0.05	
	Methyl ethyl ketone		6.82	
	Methyl isobutyl ketone		0.75	
	Xylene (mixed isomers)		0.82	
GRP 0007 TAP/HAP Cap	Toxic air pollutants (TAP)	22.42		73.22
GRP 0008 GRP 008	Barium (and compounds)	0.188	0.188	0.41
	Copper (and compounds)	0.005	0.005	0.01
	Dimethyl phthalate	1.370	1.370	3.00
	Lead compounds	0.426	0.426	0.933
	Manganese (and compounds)	< 0.001	< 0.001	0.001
	Methyl ethyl ketone	4.612	4.612	10.10
	Naphthalene (and Methyl naphthalenes)	0.497	0.497	1.09
	Sulfuric acid	0.004	0.007	0.02
	Toluene	0.776	0.776	1.70
	Xylene (mixed isomers)	14.559	14.559	31.89
	Zinc (and compounds)	4.338	4.338	9.50

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS**AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport****Activity Number: PER20040004****Permit Number: 2880-00059-V1****Air - Title V Regular Permit Renewal**

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

Emission Rates Notes:

GRP 0007	Toxic air pollutants (TAP)	Tons/Year	The permittee may emit any TAP, not specifically listed in the air briefing sheets, at a rate below its Minimum Emission Rate (MER). Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if any individual Toxic air pollutants (TAP) exceeds the maximum listed in the air briefing sheets or the MER for those TAPs not listed in the air briefing sheets for any twelve consecutive month period. Which Months: All Year
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SPECIFIC REQUIREMENTS

AID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport

Activity Number: PER20040004

Permit Number: 2880-00059-V1

Air - Title V Regular Permit Renewal

CRG0001 Above Ground Storage Tanks

Group Members: EQT0002 EQT0004 EQT0010 EQT0011 EQT0014

- 1 [LAC 33:III.2103.A]
- 2 [LAC 33:III.2103.H.3]
- 3 [LAC 33:III.2103.I]

Equip with a submerged fill pipe.

Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3-a-e.

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT0002 Bulk Thinner Tank

- 4 [LAC 33:III.5107.A.2]

Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0003 Steel Shot Blast Machine Vent

- 5 [LAC 33:III.1311.C]

Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Particulate matter (10 microns or less) \geq 99.5 % removal efficiency from filter manufacturer's certification.

Which Months: All Year Statistical Basis: None specified

Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified

Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions.

Which Months: All Year Statistical Basis: None specified

Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

- 10 [LAC 33:III.507.H.1.a]
- 11 [LAC 33:III.5107.A.2]

EQT0007 Steel Shot Blast Machine Vent

- 12 [LAC 33:III.1311.C]

Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS

AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport

Activity Number: PER20040004

Permit Number: 2880-00059-V1

Air - Title V Regular Permit Renewal

EQT0007 Steel Shot Blast Machine Vent

13 [LAC 33:III.501.C.6]

14 [LAC 33:III.507.H.1.a]

15 [LAC 33:III.507.H.1.a]

16 [LAC 33:III.507.H.1.a]

17 [LAC 33:III.507.H.1.a]

18 [LAC 33:III.5107.A.2]

Particulate matter (10 microns or less) \geq 99.5 % removal efficiency from filter manufacturer's certification.

Which Months: All Year Statistical Basis: None specified
Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary.

Which Months: All Year Statistical Basis: None specified

Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions.

Which Months: All Year Statistical Basis: None specified

Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0010 Bulk Thinner Tank

19 [LAC 33:III.5107.A.2]

Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

EQT0014 Bulk Thinner Tank

20 [LAC 33:III.5107.A.2]

Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

FUG0002 Outdoor Sand Blasting Operations

21 [LAC 33:III.1305]

22 [LAC 33:III.1311.B]

23 [LAC 33:III.1311.C]

24 [LAC 33:III.1327.A.1]

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

Total suspended particulate \leq 33.34 lb/hr. The rate of emission shall be the total of all emission points from the source.

Which Months: All Year Statistical Basis: None specified

Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Do not use material derived from hazardous, toxic, medical, and/or municipal waste as abrasive material.

SPECIFIC REQUIREMENTS

AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport

Activity Number: PER20040004

Permit Number: 2880-00059-V1

Air - Title V Regular Permit Renewal

FUG0002 Outdoor Sand Blasting Operations

- 25 [LAC 33:III.1327.A.2]
Particulate matter fines < 10 % by weight of the abrasive that would pass through a No. 80 sieve as documented by the supplier. If supplier documentation is not provided for weight percent of fines in abrasive material, take samples according to ASTM standard ASTM D 75-87, reapproved 1992, before initial use.
Which Months: All Year Statistical Basis: None specified
Do not reuse abrasives for abrasive blasting unless they meet the requirements of LAC 33:III.1327.A.2.
Option 1: Fully enclose the item, or surround the structure, to be blasted.
Option 2: Prepare and implement a best management practices (BMP) plan as described in LAC 33:III.1331.
Re-circulate blast cabinet exhaust to the cabinet or vent to emission control equipment.
Ensure that tarps have overlapping seams to prevent leakage of particulate matter. Comply with this requirement if using Option 1.
Shade factor >= 80 percent. Limit the shade factor of the tarps. Comply with this requirement if using Option 1.
Which Months: All Year Statistical Basis: None specified
Repair tarps prior to use if any single tear greater than 1 foot in length is present or if tears greater than 6 inches in length each are present.
Comply with this requirement if using Option 1.
- 32 [LAC 33:III.1329.C.3]
Prevent blasting material or visible floating solids from reaching waters of the state or minimize to the maximum extent possible as specified in the facility and/or activity BMP or in accordance with the LPDES permit program. Comply with this requirement if using Option 1.
Ensure that abrasive blasting activities do not create a nuisance.
Maintain stockpiles of new and/or spent abrasive material in a manner that will minimize fugitive airborne emissions.
Use and diligently maintain all emission control equipment in proper working order according to the manufacturer's specifications whenever any emissions are being generated that can be controlled by the facility, even if the ambient air quality standard in affected areas are not exceeded.
Keep a complete copy of the BMP plan at the facility and make available to authorized representatives of DEQ upon request. Submit plans to DEQ if requested by an authorized representative of DEQ. Comply with this requirement if using Option 2.
Designate a person who is accountable for the implementation and effectiveness of the BMP plan. Comply with this requirement if using Option 2.
- 33 [LAC 33:III.1329.E]
Amend the BMP plan if required to by DEQ or whenever physical or operational modification of the facility renders the existing plan inadequate. Implement the amendment prior to or concurrent with the facility modification. Comply with this requirement if using Option 2.
- 34 [LAC 33:III.1329.F]
Review the BMP plan every three years to determine if the plan adequately reduces nuisances and adverse off-site impacts. If it is determined that the plan is not adequate, amend the plan within 90 days of the review to include more effective emission prevention and control technology. Comply with this requirement if using Option 2.
- 35 [LAC 33:III.1329.G]
Prepare the BMP plan in accordance with sound engineering practices and ensure that it is site-specific. Present the plan information in the sequence specified in LAC 33:III.1331.F.1 through F.10. Comply with this requirement if using Option 2.
- 36 [LAC 33:III.1329.H]
Include provisions for personnel training in the BMP plan as specified in LAC 33:III.1331.G.1 through G.4. Comply with this requirement if using Option 2.
- 37 [LAC 33:III.1331.B]
Ensure that records of the three year review are signed or initialed by the person conducting the review and an appropriate supervisor or the facility designee. Retain for a minimum of three years. Comply with this requirement if using Option 2.
- 38 [LAC 33:III.1331.C]
Facility designee.
- 39 [LAC 33:III.1331.D]
Facility designee.
- 40 [LAC 33:III.1331.E]
Facility designee.
- 41 [LAC 33:III.1331.F]
Facility designee.
- 42 [LAC 33:III.1331.G]
Facility designee.
- 43 [LAC 33:III.1331.H.1]
Facility designee.

SPECIFIC REQUIREMENTS

AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport

Activity Number: PER20040004

Permit Number: 2880-00059-V1

Air - Title V Regular Permit Renewal

FUG0002 Outdoor Sand Blasting Operations

44 [LAC 33:III.1331.H.2]

Maintain the following records on the facility premises: Self-inspection reports prepared in accordance with LAC 33:III.1331.F.8, and documentation of employee and contractor training, including dates, subjects, and hours of training and a list of attendees with signatures. Comply with this requirement if using Option 2.

45 [LAC 33:III.1333]

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.1333.A.1 through A.7 on the facility premises at all times. Present them to an authorized representative of DEQ upon request. Maintain records on a 36 month rolling basis.

46 [LAC 33:III.507.H.1.a]

Equipment/operational data monitored by technically sound method continuously. Permittee shall monitor the total blast media tonnage used each month.

47 [LAC 33:III.507.H.1.a]

Which Months: All Year Statistical Basis: Monthly total
Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total blast media tonnage used each month, as well as the total total blast media tonnage used for the last twelve months. Make records available for inspection by DEQ personnel.

FUG0003 Steel Cutting and Burning Operations

48 [LAC 33:III.1311.C]

Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

49 [LAC 33:III.5107.A.2]

Which Months: All Year Statistical Basis: Six-minute average

Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

50 [LAC 33:III.5109.A]

No additional controls determined as MACT.

FUG0004 Welding Operations

51 [LAC 33:III.1305]

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

52 [LAC 33:III.1311.C]

Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

53 [LAC 33:III.5107.A.2]

Which Months: All Year Statistical Basis: Six-minute average
Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

54 [LAC 33:III.5109.A]

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Welding operations emissions will be controlled through alternative work practices. Workers will be trained in weld deposit efficiency. Also, metal inert gas (MIG) welding will be used whenever possible. Determined as MACT.

FUG0005 Unpaved Road Dust

55 [LAC 33:III.1305]

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

SPECIFIC REQUIREMENTS

AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport
 Activity Number: PER20040004
 Permit Number: 2880-00059-V1
 Air - Title V Regular Permit Renewal

FUG0006 Cleaning Operations Using Bulk Thinner Solvent

- 56 [LAC 33:III.5107.A.2] Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
- 57 [LAC 33:III.5109.A] Permittee shall comply with all applicable provisions of 40 CFR 63 Subpart II. Determined as MACT.

GRP0006 Diesel Engine Cap

- Group Members: EQT0015 EQT0016 EQT0017 EQT0018 EQT0019 EQT0020 EQT0021 EQT0022 EQT0023 EQT0027 EQT0028 EQT0029 EQT0030 EQT0031 EQT0032 EQT0033 EQT0034 EQT0035
- 58 [40 CFR 60.4200] Each diesel engine brought on site shall comply with 40 CFR 60 Subpart III as applicable.
- 59 [40 CFR 63.6585] Each diesel engine brought on site shall comply with 40 CFR 63 Subpart ZZZZ as applicable.
- 60 [LAC 33:III.1311.C] Opacity <= 20 percent, except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 61 [LAC 33:III.1513.C] Which Months: All Year Statistical Basis: Six-minute average Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- 62 [LAC 33:III.507.H.1.a] For each diesel engine brought on site, record the date the unit is delivered; its make, model, and manufacturers rated horsepower; horsepower hours used while on site; and the date the unit was removed from the site. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
- 63 [LAC 33:III.507.H.1.a] Total hp-hrs used <= 11,487,840 hp-hrs/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if Toxic air pollutants (TAP) exceeds the maximum listed in this specific condition for any twelve consecutive month period.
- 64 [LAC 33:III.507.H.1.a] Total hp-hrs used Submit report: Due annually, by the 31st of March. Report the Total hp-hrs used for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
- 65 [LAC 33:III.507.H.1.a] Total hp-hrs used monitored by technically sound method continuously.
- 66 [LAC 33:III.507.H.1.a] Total hp-hrs used recordkeeping by electronic or hard copy monthly. Keep records of the total Total hp-hrs used each month, as well as the total Total hp-hrs used for the last twelve months. Make records available for inspection by DEQ personnel.

GRP0007 Entire Facility TAP Cap

Group Members: EQT0001 EQT0002 EQT0003 EQT0004 EQT0007 EQT0010 EQT0011 EQT0014 FUG0001 FUG0003 FUG0004 FUG0006 GRP0008

- 67 [LAC 33:III.501.C.6] Total TAP/HAP emissions at the facility shall be calculated using the same methods as from the application, and recorded monthly, as well as the total over the last twelve months. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total TAP/HAP emissions greater than 73.22 tons for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division.
- 68 [LAC 33:III.507.H.1.a] Toxic air pollutants (TAP) Submit report: Due annually, by the 31st of March. Report the Toxic air pollutants (TAP) for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
- 69 [LAC 33:III.507.H.1.a] Toxic air pollutants (TAP) monitored by technically sound method continuously.
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport

Activity Number: PER20040004

Permit Number: 2880-00059-V1

Air - Title V Regular Permit Renewal

GRP0007 Entire Facility TAP Cap

70 [LAC 33:III.507.H.1.a]
Toxic air pollutants (TAP) recordkeeping by electronic or hard copy monthly. Keep records of the total Toxic air pollutants (TAP) each month, as well as the total Toxic air pollutants (TAP) for the last twelve months. Make records available for inspection by DEQ personnel.

GRP0008 Facility Painting and Coating Operations

Group Members: EQT0001 FUG0001

- 71 [40 CFR 63.3890(b)(1)]
General use coating operations: Organic HAP \leq 2.6 lb/gal (0.31 kg/L) coating solids used during each 12-month compliance period. Subpart MMMM. [40 CFR 63.3890(b)(1)]
Which Months: All Year Statistical Basis: None specified
- 72 [40 CFR 63.3890(b)(2)]
High performance coating operations: Organic HAP \leq 27.5 lb/gal (3.3 kg/L) coating solids used during each 12-month compliance period. Subpart MMMM. [40 CFR 63.3890(b)(2)]
Which Months: All Year Statistical Basis: None specified
- 73 [40 CFR 63.3890(b)(3)]
Magnet wire coating operations: Organic HAP \leq 1.0 lb/gal (0.12 kg/L) coating solids used during each 12-month compliance period. Subpart MMMM. [40 CFR 63.3890(b)(3)]
Which Months: All Year Statistical Basis: None specified
- 74 [40 CFR 63.3890(b)(4)]
Rubber-to-metal coating operations: Organic HAP \leq 37.7 lb/gal (4.5 kg/L) coating solids used during each 12-month compliance period. Subpart MMMM. [40 CFR 63.3890(b)(4)]
Which Months: All Year Statistical Basis: None specified
- 75 [40 CFR 63.3890(b)(5)]
Extreme performance fluoropolymer coating operations: Organic HAP \leq 12.4 lb/gal (1.5 kg/L) coating solids used during each 12-month compliance period. Subpart MMMM. [40 CFR 63.3890(b)(5)]
Which Months: All Year Statistical Basis: None specified
- 76 [40 CFR 63.3891(b)]
Demonstrate that, based on the coatings, thinners and/or other additives, and cleaning materials used in the coating operation(s), the organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit in 40 CFR 63.3890, calculated as a rolling 12-month emission rate and determined on a monthly basis. Subpart MMMM. [40 CFR 63.3891(b)]
Determine the mass of organic HAP emissions and volume of coating solids used each month and then calculate an organic HAP emission rate at the end of the initial compliance period. Subpart MMMM.
- 77 [40 CFR 63.3950]
Demonstrate initial compliance with the emission limitations in 40 CFR 63.3890 using the test methods and procedures specified in 40 CFR 63.3951(a) through (h). Conduct a separate initial compliance demonstration for each general use, high performance, magnet wire, rubber-to-metal, and extreme performance fluoropolymer coating operation, unless compliance is being demonstrated with a predominant activity or facility-specific emission limit as provided in 40 CFR 63.3890(c). Subpart MMMM.
- 78 [40 CFR 63.3951]
Demonstrate that all coating operations included in the predominant activity determination or calculation of the facility-specific emission limit comply with that limit. Subpart MMMM.
- 79 [40 CFR 63.3951]
Perform the calculations in 40 CFR 63.3951(a) through (g) on a monthly basis using data from the previous 12 months of operation. If complying with a facility-specific emission limit under 40 CFR 63.3890(c), also perform the calculation using Equation 1 in 40 CFR 63.3890(c)(2) on a monthly basis using the data from the previous 12 months of operation. Subpart MMMM. [40 CFR 63.3952(a)]
- 80 [40 CFR 63.3952(a)]

SPECIFIC REQUIREMENTS

AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport

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GRP0008 Facility Painting and Coating Operations

81 [40 CFR 63.3952(c)]

Identify the coating operation(s) for which the emission rate without add-on controls option was used, and submit as part of each semiannual compliance report required by 40 CFR 63.3920. If there were no deviations from the applicable emission limits in 40 CFR 63.3890, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the applicable emission limit in 40 CFR 63.3890, determined according to 40 CFR 63.3951(a) through (g). Subpart MMTM. [40 CFR 63.3952(c)]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

82 [LAC 33:III.1311.C]

83 [LAC 33:III.2123]

Which Months: All Year Statistical Basis: Six-minute average Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2123.F.1 through F.4 to verify compliance with or exemption from LAC 33:III.2123. Maintain records for at least two years.

84 [LAC 33:III.501.C.6]

A plant wide emission reduction plan may be approved by the administrative authority if it can be demonstrated by the surface coating facility that any emissions in excess of those allowed for a given coating line will be compensated for by reducing emissions from regulated sources within the surface coating facility.

85 [LAC 33:III.501.C.6]

Baghouses (including gaskets): Equipment/operational data monitored by technically sound method upon each occurrence of process unit shut down or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary.

86 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions.

87 [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: None specified Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

88 [LAC 33:III.501.C.6]

Permittee shall collect spent solvents and paint thinners in sealed drums for offsite handling and recycling which will prevent evaporative emissions from used or spent solvents. Determined as MACT.

89 [LAC 33:III.501.C.6]

Permittee shall comply with all applicable provisions of 40 CFR 63 Subpart II and 40 CFR 63 Subpart MMTM. Determined as MACT. Permittee shall use new painting technologies which reduce toxic air pollutant (TAP) emissions whenever feasible. Use substitute coating with low VOC content when possible.

91 [LAC 33:III.507.H.1.a]

Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

92 [LAC 33:III.5107.A.2]

Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

SCN0002 Shipbuilding and Ship Repair

Group Members: EQT0001 FUG0001 GRP0008

93 [40 CFR 63.3881]

40 CFR Subpart II standards apply when shipbuilding or ship repair operations are being conducted.

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Air - Title V Regular Permit Renewal

SCN0002 Shipbuilding and Ship Repair

94	[40 CFR 63.783(a)]	Air flask coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
95	[40 CFR 63.783(a)]	Air flask coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
96	[40 CFR 63.783(a)]	Air flask coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
97	[40 CFR 63.783(a)]	Antenna coating: VOHAP <= 1439 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
98	[40 CFR 63.783(a)]	Antenna coating: VOHAP <= 530 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
99	[40 CFR 63.783(a)]	Antifoulant coating: VOHAP <= 400 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
100	[40 CFR 63.783(a)]	Antifoulant coating: VOHAP <= 765 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
101	[40 CFR 63.783(a)]	Antifoulant coating: VOHAP <= 971 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
102	[40 CFR 63.783(a)]	General use coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
103	[40 CFR 63.783(a)]	General use coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
104	[40 CFR 63.783(a)]	General use coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
105	[40 CFR 63.783(a)]	Heat resistant coating: VOHAP <= 1069 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
106	[40 CFR 63.783(a)]	Heat resistant coating: VOHAP <= 420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
107	[40 CFR 63.783(a)]	Heat resistant coating: VOHAP <= 841 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
108	[40 CFR 63.783(a)]	High-gloss coating: VOHAP <= 1069 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
109	[40 CFR 63.783(a)]	High-gloss coating: VOHAP <= 420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
110	[40 CFR 63.783(a)]	High-gloss coating: VOHAP <= 841 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
111	[40 CFR 63.783(a)]	High-temperature coating: VOHAP <= 1237 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified
112	[40 CFR 63.783(a)]	High-temperature coating: VOHAP <= 1597 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
		Which Months: All Year Statistical Basis: None specified

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SCN0002 Shipbuilding and Ship Repair

113	[40 CFR 63.783(a)]	High-temperature coating: VOHAP <= 500 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
114	[40 CFR 63.783(a)]	Which Months: All Year Statistical Basis: None specified
115	[40 CFR 63.783(a)]	Inorganic zinc high-build coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
116	[40 CFR 63.783(a)]	Which Months: All Year Statistical Basis: None specified
117	[40 CFR 63.783(a)]	Inorganic zinc high-build coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
118	[40 CFR 63.783(a)]	Which Months: All Year Statistical Basis: None specified
119	[40 CFR 63.783(a)]	Inorganic zinc high-build coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
120	[40 CFR 63.783(a)]	Which Months: All Year Statistical Basis: None specified
121	[40 CFR 63.783(a)]	Military exterior coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
122	[40 CFR 63.783(a)]	Which Months: All Year Statistical Basis: None specified
123	[40 CFR 63.783(a)]	Military exterior coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
124	[40 CFR 63.783(a)]	Which Months: All Year Statistical Basis: None specified
125	[40 CFR 63.783(a)]	Military exterior coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
126	[40 CFR 63.783(a)]	Which Months: All Year Statistical Basis: None specified
127	[40 CFR 63.783(a)]	Military exterior coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
128	[40 CFR 63.783(a)]	Which Months: All Year Statistical Basis: None specified
129	[40 CFR 63.783(a)]	Military exterior coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
130	[40 CFR 63.783(a)]	Which Months: All Year Statistical Basis: None specified
131	[40 CFR 63.783(a)]	Military exterior coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]

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SCN0002 Shipbuilding and Ship Repair

- 132 [40 CFR 63.783(a)]
Organic zinc coating: VOHAP <= 802 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 133 [40 CFR 63.783(a)]
Pretreatment wash primer coating: VOHAP <= 11095 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 134 [40 CFR 63.783(a)]
Pretreatment wash primer coating: VOHAP <= 780 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 135 [40 CFR 63.783(a)]
Repair and maintenance of thermoplastics coating: VOHAP <= 1597 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 136 [40 CFR 63.783(a)]
Repair and maintenance of thermoplastics coating: VOHAP <= 550 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 137 [40 CFR 63.783(a)]
Rubber camouflage coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 138 [40 CFR 63.783(a)]
Rubber camouflage coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 139 [40 CFR 63.783(a)]
Rubber camouflage coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 140 [40 CFR 63.783(a)]
Sealant for thermal spray aluminum coating: VOHAP <= 2235 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 141 [40 CFR 63.783(a)]
Sealant for thermal spray aluminum coating: VOHAP <= 610 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 142 [40 CFR 63.783(a)]
Special marking coating: VOHAP <= 1178 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 143 [40 CFR 63.783(a)]
Special marking coating: VOHAP <= 490 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 144 [40 CFR 63.783(a)]
Specialty interior coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 145 [40 CFR 63.783(a)]
Specialty interior coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 146 [40 CFR 63.783(a)]
Specialty interior coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 147 [40 CFR 63.783(a)]
Tack coat: VOHAP <= 2235 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 148 [40 CFR 63.783(a)]
Tack coat: VOHAP <= 610 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 149 [40 CFR 63.783(a)]
Undersea weapons systems coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 150 [40 CFR 63.783(a)]
Undersea weapons systems coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified

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- 151 [40 CFR 63.783(a)] Undersea weapons systems coating: VOHAP \leq 728 g/l solids, when $t < 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
- 152 [40 CFR 63.783(a)] Which Months: All Year Statistical Basis: None specified
- 153 [40 CFR 63.783(a)] Weld-through precoat, primer coating: VOHAP \leq 2885 g/l solids, when $t \geq 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
- 154 [40 CFR 63.783(b)(1)] Which Months: All Year Statistical Basis: None specified
- 155 [40 CFR 63.783(b)(2)] Weld-through precoat, primer coating: VOHAP \leq 650 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
- 156 [40 CFR 63.785(b)(1)] Which Months: All Year Statistical Basis: None specified
- 157 [40 CFR 63.785(c)(1)(i)] Ensure that all handling and transfer of VOHAP-containing materials to and from containers, tanks, vats, drums, and piping systems is conducted in a manner that minimizes spills. Subpart II. [40 CFR 63.783(b)(1)]
- 158 [40 CFR 63.785(c)(1)(ii)] Ensure that all containers, tanks, vats, drums, and piping systems are free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. Subpart II. [40 CFR 63.783(b)(2)]
- 159 [40 CFR 63.785(c)(1)(iii)] Determine compliance with the VOHAP limits using any combination of the procedures described in 40 CFR 63.785(c)(1) through (c)(4).
- 160 [40 CFR 63.785(c)(2)(i)] Coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added: Certify the as-applied VOC content of each batch of coating. Subpart II. [40 CFR 63.785(c)(1)(i)]
- 161 [40 CFR 63.785(c)(2)(ii)] Coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added: Notify the persons responsible for applying the coating that no thinning solvent may be added to the coating by affixing a label to each container of coating in the batch or through another means described in the implementation plan required in 40 CFR 63.787(b). Subpart II. [40 CFR 63.785(c)(1)(ii)]
- 162 [40 CFR 63.785(c)(2)(iii)] Coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added: The certified as-applied VOC content of each batch of coating used during a calendar month must be less than or equal to the applicable VOHAP limit in 40 CFR 63.783(a). Subpart II. [40 CFR 63.785(c)(1)(iii)]
- 163 [40 CFR 63.785(c)(2)(iv)] Coatings to which thinning solvent is routinely or sometimes added: Designate a single thinner for the coating and calculate the maximum allowable thinning ratio(s) for each batch using 40 CFR 63.785(c)(2)(i) Equations 1 and 2, prior to the first application of each batch. Subpart II. [40 CFR 63.785(c)(2)(i)]
- 164 [40 CFR 63.785(c)(2)(v)] Coatings to which thinning solvent is routinely or sometimes added: Notify painters and other persons, as necessary, of the designated thinner and maximum allowable thinning ratio(s) for each batch of the coating by affixing a label to each container of coating or through another means described in the implementation plan required in 40 CFR 63.787(b), prior to the first application of each batch. Subpart II. [40 CFR 63.785(c)(2)(ii)]
- 165 [40 CFR 63.785(c)(2)(vi)] Coatings to which thinning solvent is routinely or sometimes added: Determine the volume of each batch of the coating used, as supplied, during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(iii)]
- 166 [40 CFR 63.785(c)(3)(i)] Coatings to which thinning solvent is routinely or sometimes added: Determine the total allowable volume of thinner for the coating used during the previous month using 40 CFR 63.785(c)(2)(iv) Equation 3 by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(iv)]
- Coatings to which thinning solvent is routinely or sometimes added: Determine the volume of thinner actually used with the coating during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(v)]
- Coatings to which thinning solvent is routinely or sometimes added: The volume of thinner actually used with the coating [determined in 40 CFR 63.785(c)(3)(v)] must be less than or equal to the total allowable volume of thinner for the coating [determined in 40 CFR 63.785(c)(3)(iv)]. Subpart II. [40 CFR 63.785(c)(2)(vi)]
- Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Designate a single thinner to be added to each coating during the month and "group" coatings according to their designated thinner. Subpart II. [40 CFR 63.785(c)(3)(i)]

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- 167 [40 CFR 63.785(c)(3)(ii)]
- 168 [40 CFR 63.785(c)(3)(iii)]
- 169 [40 CFR 63.785(c)(3)(vi)]
- 170 [40 CFR 63.785(c)(3)(v)]
- 171 [40 CFR 63.785(c)(3)(vi)]
- 172 [40 CFR 63.785(c)(3)(vii)]
- 173 [40 CFR 63.786(d)]
- 174 [40 CFR 63.786]
- 175 [40 CFR 63.787(a)]
- 176 [40 CFR 63.787(b)(1)]
- 177 [40 CFR 63.788(a)]
- 178 [40 CFR 63.788(b)]
- 179 [40 CFR 63.788(c)]

Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Calculate the maximum allowable thinning ratio(s) for each batch of coating in the group using the equations in 40 CFR 63.785(c)(2), prior to the first application of each batch. Subpart II. [40 CFR 63.785(c)(3)(ii)]

Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Notify painters and other persons, as necessary, of the designated thinner and maximum allowable thinning ratio(s) for each batch in the group by affixing a label to each container of coating or through another means described in the implementation plan required in 40 CFR 63.787(b), prior to the first application of each "batch". Subpart II. [40 CFR 63.785(c)(3)(iii)]

Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the volume of each batch of the group used, as supplied, during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(iv)]

Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the total allowable volume of thinner for the group for the previous month using 40 CFR 63 Subpart II Equation 3 by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(v)]

Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the volume of thinner actually used with the group during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(vi)]

Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: The volume of thinner actually used with the group [determined in 40 CFR 63.785(c)(3)(vi)] must be less than or equal to the total allowable volume of thinner for the group [determined in 40 CFR 63.785(c)(3)(v)]. Subpart II. [40 CFR 63.785(c)(3)(vii)]

Use or ensure that the manufacturer uses the form and procedures mentioned in 40 CFR 63 Subpart II Appendix A to determine values for thinner and coating parameters used in 40 CFR 63 Subpart II Equations 1 and 2. Ensure that the coating/thinner manufacturer (or supplier) provides information on the VOC and VOHAP contents of the coatings/thinners and the procedure(s) used to determine these values. Subpart II. [40 CFR 63.786(d)]

Determine compliance with 40 CFR 63.785(c)(1) through (c)(4) using the methods specified in 40 CFR 63.786(a) through (c), as applicable. Subpart II.

Comply with all applicable notification requirements in 40 CFR 63.9(a) through (d) and (i) through (j), with the exception that the deadline specified in 40 CFR 63.9(b)(2) and (3) shall be extended from 120 days to 180 days. Subpart II. [40 CFR 63.787(a)]

Prepare a written implementation plan that addresses each of the subject areas specified in 40 CFR 63.787(b)(3). Subpart II. [40 CFR 63.787(b)(1)]

Comply with the applicable recordkeeping and reporting requirements in 40 CFR 63.10(a), (b), (d), and (f). Subpart II. [40 CFR 63.788(a)]

Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the information specified in 40 CFR 63.788(b)(1) through (b)(4), as applicable, for a minimum of 5 years. Subpart II. [40 CFR 63.788(b)]

Submit report: Due before the 60th day following completion of each 6-month period after the compliance date specified in 40 CFR 63.784. Submit all of the information that must be retained pursuant to 40 CFR 63.783(b)(2) and (b)(3), except for that information specified in 40 CFR 63.788(b)(2)(i) and (b)(2)(ii), (b)(2)(v), (b)(3)(i)(A), (b)(3)(ii)(A), and (b)(3)(iii)(A). If a violation is detected, also report the information specified in 40 CFR 63.788(b)(4) for the reporting period during which the violation(s) occurred. To the extent possible, organize the report according to the compliance procedure(s) followed each month. Subpart II. [40 CFR 63.788(c)]

SPECIFIC REQUIREMENTS

AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport

Activity Number: PER20040004

Permit Number: 2880-00059-V1

Air - Title V Regular Permit Renewal

UNF0001 Gulf Island Fabrication

180 [40 CFR 60.] All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

181 [40 CFR 63.3900(b)] Operate and maintain the affected source, including all air pollution control and monitoring equipment used for the purposes of complying with 40 CFR 63 Subpart M, according to the provisions in 40 CFR 63.6(e)(1)(i). Subpart M. [40 CFR 63.3900(b)]

182 [40 CFR 63.3910(a)] Submit the notifications in 40 CFR 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h), as applicable, by the dates specified in those sections, except as provided in 40 CFR 63.3910(b) and (c). Subpart M. [40 CFR 63.3910(a)]

183 [40 CFR 63.3910(c)] Include the information specified in 40 CFR 63.3910(c)(1) through (c)(11) and in 40 CFR 63.9(h) in the notification of compliance status required by 40 CFR 63.9(f). Subpart M. [40 CFR 63.3910(c)]

184 [40 CFR 63.3920(a)] Submit compliance status report: Due semiannually, by the 31st of January and July. Include the information specified in 40 CFR 63.3920(a)(3) through (a)(7) and (c)(1), as applicable. Subpart M. [40 CFR 63.3920(a)]

185 [40 CFR 63.3920(c)(2)] Submit startup, shutdown and malfunction report: Due within 2 working days by facsimile, telephone, or other means after starting actions that are inconsistent with the startup, shutdown and malfunction plan. Describe the actions taken during the event. Submit a letter within 7 working days after the end of the event, unless alternative arrangements have been made with DEQ as specified in 40 CFR 63.10(d)(5)(ii). Include the information specified in 40 CFR 63.10(d)(5)(ii). Subpart M. [40 CFR 63.3920(c)(2)]

186 [40 CFR 63.3930] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.3930(a) through (k), as applicable. Subpart M. [40 CFR 63.3930]

187 [40 CFR 63.3931] Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record, as specified in 40 CFR 63.10(b)(1). Keep each record on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record according to 40 CFR 63.10(b)(1). Records may be kept off-site for the remaining 3 years. Subpart M. [40 CFR 63.3931]

188 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1 of 40 CFR 63 Subpart II, Table 2 of 40 CFR 63 Subpart M, and Table 8 of 40 CFR 63 Subpart ZZZZ.

189 [40 CFR 70.5(a)(1)(iii)] Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

190 [40 CFR 70.6(a)(3)(iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]

191 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]

192 [40 CFR 70.6(c)(5)(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]

SPECIFIC REQUIREMENTS

AI ID: 9789 - Gulf Island Fabrication Inc - East Yard West Yard & Southport

Activity Number: PER20040004

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Air - Title V Regular Permit Renewal

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- 193 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 194 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 195 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 196 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 197 [LAC 33:III.507.G.5] Alternate Operating Scenario: Operating plan recordkeeping by logbook upon each occurrence of making a change from one operating scenario to another. Record the operating scenario under which the facility is currently operating. Include in this record the identity of the sources involved and the date of change. Keep a copy of the log on site for at least two years.
- 198 [LAC 33:III.5105.A.1] Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.
- 199 [LAC 33:III.5105.A.2] Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.B.
- 200 [LAC 33:III.5105.A.3] Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.
- 201 [LAC 33:III.5105.A.4] Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.
- 202 [LAC 33:III.5107.A.2] Include a certification statement with the annual emission report and revisions to any emission report that attests that the information contained in the emission report is true, accurate, and complete, and that is signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official.
- 203 [LAC 33:III.5107.A] Submit Annual Emissions Report (TED): Due annually, by the 31st of March unless otherwise directed by DEQ, to the Office of Environmental Assessment in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
- 204 [LAC 33:III.5107.B.1] Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but in no case later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere that results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).
- 205 [LAC 33:III.5107.B.2] Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:1.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:1.3923.

SPECIFIC REQUIREMENTS

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206 [LAC 33:III.5107.B.3]

Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:1.3931.

Submit notification in the manner provided in LAC 33:1.3923.

207 [LAC 33:III.5107.B.4]

Submit written report: Due by certified mail to SPOC within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through B.3. Include the information specified in LAC 33:III.5107.B.4.a.i through B.4.a.viii.

Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, IF THEY CAN BE MEASURED AND CAN BE RELIABLY QUANTIFIED USING GOOD ENGINEERING PRACTICES, to DEQ along with the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.

209 [LAC 33:III.5611.A]

Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.

210 [LAC 33:III.5611.B]

During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.

211 [LAC 33:III.5901.A]

Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.

212 [LAC 33:III.919.D]

Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.